Interview Summary	Application No.	Applicant(s)	
	10/760,472	CONOVER ET AL.	
	Examiner	Art Unit	
	HUNG Q. PHAM	2168	

All participants (applicant, applicant's representative, PTO personnel):

(1) *HUNG Q. PHAM*. (3)_____.

(2) *SHADAIA GOODEN (REG. No. 60471)*. (4)_____.

Date of Interview: *20 June 2007*.

Type: a)☒ Telephonic b)☐ Video Conference
c)☐ Personal [copy given to: 1)☐ applicant 2)☐ applicant's representative]

Exhibit shown or demonstration conducted: d)☐ Yes e)☐ No.
If Yes, brief description: _____.

Claim(s) discussed: _____.

Identification of prior art discussed: _____.

Agreement with respect to the claims f)☐ was reached. g)☒ was not reached. h)☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: *In order to expedite the case, an exminer proposal was faxed to the applicant. However, no agreement with respect to the proposal was reached*.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

H. Pham

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

UNITED STATES PATENT AND TRADEMARK OFFICE

Facsimile Transmission

To:	**Name:**	SHADAIA GOODEN
	Company:	Kilpatrick Stockton, LLP
	Fax Number:	2025850909
	Voice Phone:	202-639-4733
From:	**Name:**	HUNG PHAM
	Voice Phone:	571-272-4040

37 C.F.R. 1.6 sets forth the types of correspondence that can be communicated to the Patent and Trademark Office via facsimile transmissions. Applicants are advised to use the certificate of facsimile transmission procedures when submitting a reply to a non-final or final Office action by facsimile (37 CFR 1.8(a)).

Fax Notes:

PLEASE FORWARD THE FAX TO ATTORNEY SHADAIA GOODEN FOR REVIEWING.
THANK YOU.

Date and time of transmission: Wednesday, June 13, 2007 10:08:08 AM
Number of pages including this cover sheet: 04

To Attorney: Shadaia Gooden,

There are at least to issues regarding the amended features, "indexing each of the documents in an index of an integrated library..., wherein the metadata for each of the documents indexed the meta-index".

1. There is insufficient antecedent basis for the clause "the meta-index".

2. The amended features were not supported by the Specification (As specified at Page 11 Line 19-Page 12 Line 5, after cataloging the documents, the metadata is stored in a structure and the keyword index is updated with the created metadata. The Specification does not disclose the claimed limitation "indexing each of the documents in an index of an integrated library").

In view of the foregoing 112, the double patenting and the 101 rejections as specified in the previous Office Action, claims 33, 36, 37, 42, 44 and 45 are proposed as following.

Would you please review the proposal and let me know whether I am authorized for the Examiner Amendment.

Thank you for your time.

Examiner Hung Pham
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PROPOSAL

1-32 (Canceled)

33. (Currently amended) A system for automatically cataloguing documents located in multiple heterogeneous repositories to facilitate document search and retrieval capabilities, the system comprising:

a scanning tool for scanning the multiple heterogeneous repositories to collect keywords for the documents located therein;

a keyword index to the documents built using the collected keywords;

a mapping tool for cataloguing the documents using the keyword index to one or more classes, each of the one or more classes including keywords representative of that class; and

a computing device for creating metadata ~~indicative of~~ for each of the catalogued documents and updating the keyword index with the created metadata ~~indexing each of the documents in an index of an integrated library according to the metadata~~, wherein the created metadata for each of the catalogued documents indexed within the ~~meta-index~~ keyword index is stored in a pre-defined data structure including at least one of the following attributes: a keyword, one or more matched words, and a classmark, further wherein the keyword index retains characteristics of each of the multiple heterogeneous repositories as applied to each of the documents; ~~such that a user may access~~ retrieving one or more of the documents within the multiple heterogeneous repositories corresponding to a user search request by utilizing the metadata in the pre-defined data structure ~~index~~, and further wherein the characteristics of the multiple heterogeneous repositories are transparent to the user when one or more of the documents are accessed ~~using the index~~.

34-35. (Canceled)

36. (Currently Amended) The system according to claim 33, wherein the created metadata is stored in eXtensible Markup Language (XML) format.

37. (Currently Amended) The system according to claim 33, wherein the created metadata is stored in Resource Description Framework (RDF) format.

38. (Previously presented) The system according to claim 33, wherein the scanning tool is at least one spider.

39. (Previously presented) The system according to claim 33, wherein the mapping tool is a domain ontology.

40. (Previously presented) The system according to claim 39, wherein the domain ontology is a classification hierarchy.

41. (Previously presented) The system according to claim 33, wherein the mapping tool is a neural network.

42. (Currently amended) A method for automatically cataloguing documents located in multiple heterogeneous repositories to facilitate document search and retrieval capabilities, comprising:

scanning the multiple heterogeneous repositories to collect keywords from the documents located therein;

building a keyword index to the documents stored in the multiple heterogeneous repositories using the collected keywords;

cataloging the documents using the keyword index into predetermined classes, wherein the cataloging is performed using at least one mapping tool;

creating metadata information, including identification of the predetermined class, for each or the catalogued documents; and

updating the keyword index with the created metadata ~~indexing each of the documents in an index of an integrated library according to the metadata~~, wherein the created metadata for each of the catalogued documents ~~indexed within the index~~ is stored in a pre-defined data structure including at least one of the following attributes: a key word, one or more matched words, a classmark, further wherein the keyword index retains the characteristics of each of the multiple heterogeneous repositories as applied to each of the documents; ~~such that a user may access~~

retrieving one or more of the documents within the multiple heterogeneous repositories corresponding the a user search request by utilizing the metadata in the pre-defined data structure ~~index~~, and further wherein the characteristics of the multiple heterogeneous repositories are transparent to the user when one or more of the documents are accessed ~~using the index~~.

43. (Previously presented) The method of claim 42, wherein scanning the at least one information repository to collect keywords is performed by a spider.

44. (Currently amended) The method of claim 42, wherein the metadata information is stored in the eXtensible Markup Language (XML) format.

45. (Currently amended) The method of claim 42, wherein the metadata information is stored in the Resourcer Description Framework (RDF) format.